

Abstract of the Disclosure:

A premises, connected to receive broadband service(s) and also connected to a cable system, is provided with a broadband interface which connects to in-premises cabling which is coupled to consumer receivers such as a television sets, PDAs, laptops. Connected to the broadband interface is an adjunct device which channels broadband, data and voice signals supplied to an in-premises wireless system as distinguished from the signals supplied to the cable connected consumer receivers. The adjunct device formats the broadband and voice signals or any broadband service into packet format suitable for signal radiation and couples them to the in-premises coax cabling, via a diplexer, at a first selected location. At a second cable location a second diplexer, connected to the cable, separates the broadband, data and voice signals and couples them to a signal radiation device (i.e., an RF antenna or leaky coaxial cable) which radiates the signal to the immediate surrounding location. Various devices, near to the second cable location for specific services, receive the wireless signals (i.e., broadband, data and voice) from the radiating antenna.